

SECTION 827

SOLID STATE FLASHING CONTROLLER

827.01. DESCRIPTION.

This work shall consist of furnishing materials and installing a solid state flashing controller in accordance with these Specifications.

827.02. MATERIALS.

The flashing controller shall be a solid state, NEMA two circuit Type III , 15 amp, flashing controller.

Enclose the flashing controller and associated equipment in an approved weatherproof or aluminum alloy cabinet of the type regularly supplied by the manufacturer. The minimum size of the cabinet shall be 14 inches (355 mm) x 10 inches (254 mm) x 5 inches (127 mm) (H x L x W), in order to provide ample space for housing the flashing controller unit and all of the associated electrical devices.

Provide a hinged door permitting complete access to the interior of the cabinet. Seal the door with neoprene gasketing material, making the cabinet weatherproof, and furnish the door with a standard police lock and two keys.

Terminals shall be identified, accessible without removal of equipment contained in the cabinet, and connected to terminal boards.

An EDCO SPA-100 surge protector, or an approved equal, shall be provided with each flashing controller.

The circuit breaker shall be in conformance with requirements of the NEC.

The following type of flashing controller shall be provided as called for in the plans:

Type I - A flashing controller as per this section of the Specifications.

Type II - A flashing controller as per this section of the Specifications and includes a solid state time clock.

This solid state time clock shall meet the requirements of Section 835.

827.04. CONSTRUCTION METHODS.

Place the solid state flashing controller unit as shown on the plans and wire it for operation.

827.05 METHOD OF MEASUREMENT.

The *solid state flashing controller* and associated equipment including a solid state time clock and cabinet as specified in the plans will be measured by the unit, complete in place not including post and footings.

827.06. BASIS OF PAYMENT.

The accepted solid state flashing controller, measured as provided above, will be paid for at the contract unit price as follows:

SOLID STATE FLASHING CONTROLLER EACH

Such payment shall be full compensation for furnishing all materials, equipment, labor and incidentals necessary to complete the work as specified.